

Converting Colors

Hex(DC16B8)

Have a look what the booklet for
Hex(DC16B8) contains.

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Color

Hex(DC16B8)

Conversions

Conversions Part 1

Format	Color
Hex	DC16B8
RGB	220, 22, 184
RGB Percent	86%, 9%, 72%
CMY	0.1373, 0.9137, 0.2784
CMYK	0.00, 0.90, 0.16, 0.14
HSL	311°, 82%, 47%
HSV	311°, 90%, 86%
XYZ	38.4538, 19.2502, 47.0363
YIQ	99.6700, 66.0060, 92.3580

Conversions

Conversions Part 2

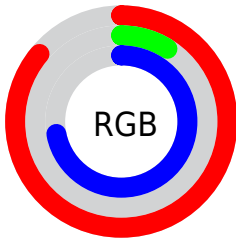
Format	Color
R_{YB}	220, 22, 184
Decimal	14423736
CIE _{Lab}	50.98, 81.10, -35.71
CIE _{LCh}	51, 88.615, 336.236
Yxy	19.2502, 0.3671, 0.1838
Android (android.graphics.Color)	4292613816 (0xFFDC16B8)
YUV	99.6700, 41.5747, 105.5294
Hunter-Lab	43.8750, 79.6634, -32.8495

Details

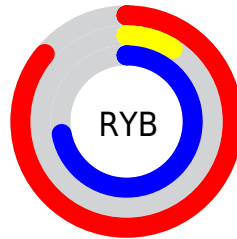
The Hex color **DC16B8** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **16DC3A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF64F0**, and **A00082** is the 20% darker color. If you saturate the color by 10%, you get **DC00B4**, and if you desaturate by 10%, it is **DC2CBC**.

Distribution



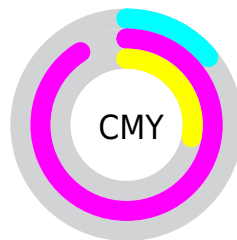
- Red (86%)
- Green (9%)
- Blue (72%)



- Red (86%)
- Yellow (9%)
- Blue (72%)



- Cyan (0%)
- Magenta (90%)
- Yellow (16%)
- Black (14%)



- Cyan (14%)
- Magenta (91%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC16B8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color DC16B8 by changing the saturation by 10% instead.

 DC16B8

 DC16B8

FFFFFF

 BE009D

 FF64F0

 A00082

 FF83FF

 830069

 FFA1FF

 660050

 FFBFFF

 4B0039

 FFDDFF

 2D0022

 FFFCFF

 000007

 000000

 DC16B8

 DC16B8

 DC00B4

 DC2CBC

 DC42C0

 DC58C4

 DC6EC8

 DC84CC

 DC9AD0

 DCB0D4

 DCC6D8

 DCDCDC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



865BF6



DC16B8



F8006D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DC16B8



867C00



0098D2

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



DC16B8



16DC3A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009888



DC16B8



2A8D00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DC16B8



C35D00



009437



0091FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DC16B8



F4003C



009437



0098BB

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



DC16B8



FFBAF2



3716DC



805778



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



DC16B8



FF00D1



DC1658



6E636C



AD008E



2E0026

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DC16B8



FF00D1



16DC9A



6E636C



AD008E



2E0026

Previews

White Background



This preview shows how the Hex color DC16B8 looks on a white background.

Color Contrast Check

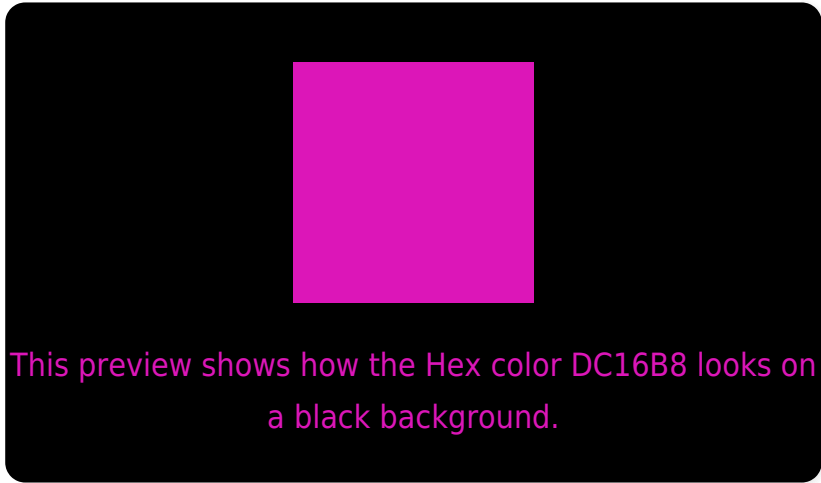
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

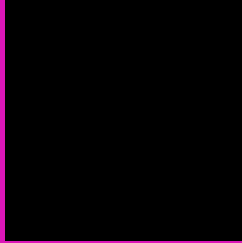
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DC16B8 Background



This preview shows how black text looks on a background with the Hex color DC16B8.



This preview shows how white text looks on a background with the Hex color DC16B8.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
D34A4F

Trichromacy



Original Color
DC16B8



Protanomaly
5053E3



Deuteranomaly
9255B1



Tritanomaly
D63775

Monochromacy



Original Color
DC16B8



Achromatopsia
646464



Achromatomaly
904883

CSS Examples

Text

The CSS property to change the color of the text to Hex DC16B8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #DC16B8 looks like.

```
.text, #text, p{  
    color:#DC16B8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #DC16B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC16B8
}
```

Border

The CSS property to change the border of an element to Hex DC16B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DC16B8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#DC16B8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #DC16B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC16B8; -webkit-box-shadow:4px 4px  
4px 4px #DC16B8; box-shadow:4px 4px 4px  
4px #DC16B8 }
```

Background

The CSS property to change the background color of an element to Hex DC16B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC16B8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#DC16B8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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